What is claimed is:

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- 1. An organophotoreceptor comprising at least one photoconductive element comprising an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:
 - (a) a charge transport compound having the formula:

$$\begin{bmatrix} Y & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

where R₁ and R₂ are, independently, hydrogen, an alkyl group, an alkaryl group or an aryl group; X is an aromatic group; Y is an (N,N-disubstituted)arylamine; Z is (CH₂)_m group where m is an integer between 0 and 30 where one or more of the methylene groups is optionally replaced by O, S, C=O, O=C-O, O=C-NR₃, sulfoxide, sulfate, phosphate, an aryl group, urethane, urea, NR₄ group, CHR₅ group, or CR₆R₇ group where R₃, R₄, R₅, R₆, and R₇ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group, and E is a bond, O, S, C=O, NR₈, CR₉R₁₀ group, a hetrocyclic group, or an aromatic group where R₈, R₉, and R₁₀ are, independently, H, an alkyl group, an alkaryl group, or an aryl group; and

- (b) a charge generating compound.
- 2. An organophotoreceptor according to claim 1 wherein Y is a carbazole group.
- 3. An organophotoreceptor according to claim 1 wherein X is selected from the group consisting of phenylene group, naphthalene group, and (N,N-disubstituted)aminophenylene group.
- 4. An organophotoreceptor according to claim 1 wherein Z is $(CH_2)_m$ and m=3, and one methylene group is replaced by CHOH.

- 5. An organophotoreceptor according to claim 1 wherein Z is $(CH_2)_m$ and m=4, with one methylene replaced by CHOH and one methylene is replaced by -O-.
- 6. An organophotoreceptor according to claim 1 wherein Z is (CH₂)_m and m=5,
 5 with one methylene replaced by CHOH, one methylene is replaced by -O- and one methylene is replaced by -S-.
 - 7. An organophotoreceptor according to claim 1 wherein E is an aromatic group.
- 8. An organophotoreceptor according to claim 7 wherein the aromatic group is thiadiazolyl group.
 - 9. An organophotoreceptor according to claim 7 wherein the aromatic group is a thiobisbenzenethiol group.
 - 10. An organophotoreceptor according to claim 1 wherein the charge transport compound has a formula selected form the group consisting of the following:

5 , and

10 11. An organophotoreceptor according to claim 1 wherein the photoconductive element further comprises an electron transport compound.

- 12. An organophotoreceptor according to claim 1 wherein the photoconductive element further comprises a binder.
 - 13. An electrophotographic imaging apparatus comprising:
 - (a) a light imaging component; and

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- (b) an organophotoreceptor oriented to receive light from the light imaging component, the organophotoreceptor comprising an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising
 - (i) a charge transport compound having the formula

$$\begin{bmatrix}
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where R_1 and R_2 are, independently, hydrogen, an alkyl group, an alkaryl group or an aryl group; X is an aromatic group; Y is an (N,N-disubstituted)arylamine; Z is $(CH_2)_m$ group where m is an integer between 0 and 30 where one or more of the methylene groups is optionally replaced by O, S, C=O, O=C-O, O=C-NR₃, sulfoxide, sulfate, phosphate, an aryl group, urethane, urea, NR₄ group, CHR₅ group, or CR_6R_7 group where R_3 , R_4 , R_5 , R_6 , and R_7 are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group, and E is a bond, O, S, C=O, NR₈, CR_9R_{10} group, a hetrocyclic group, or an aromatic group where R_8 , R_9 , and R_{10} are, independently, H, an alkyl group, an alkaryl group, or an aryl group; and

- (ii) a charge generating compound.
- 14. An electrophotographic imaging apparatus according to claim 13 wherein Y is a carbazole group.

15. An organophotographic imaging apparatus according to claim 13 wherein X is selected from the group consisting of a phenylene group, naphthalene group, and (N,N-disubstituted)aminophenylene group, m=3 and one of the (CH₂) groups is replaced by

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CHOH, and E is an aromatic group selected from the group consisting of thiadiazolyl group and thiobenzene group.

16. An electrophotographic imaging apparatus according to claim 13, wherein the5 charge transport compound has a formula selected form the group consisting of the following:

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, and

- 5 17. An electrophotographic imaging apparatus according to claim 13 wherein the photoconductive element further comprises an electron transport compound.
 - 18. An electrophotographic imaging apparatus according to claim 13 wherein at least one photoconductive element further comprises a binder.
 - 19. An electrophotographic imaging apparatus according to claim 13 further comprising a liquid toner dispenser.
 - 20. An electrophotographic imaging process comprising;

- (a) applying an electrical charge to a surface of an organophotoreceptor comprising an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising
 - (i) a charge transport compound having the formula

$$\begin{bmatrix} Y & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & \\ & & \\ & & \\ & \\ & & \\ & \\ & & \\ & & \\ &$$

where R₁ and R₂ are, independently, hydrogen, an alkyl group, an alkaryl group or an aryl group; X is an aromatic group; Y is an (N,N-disubstituted)arylamine; Z is (CH₂)_m group where m is an integer between 0 and 30 where one or more of the methylene groups is

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optionally replaced by O, S, C=O, O=C-O, O=C-NR₃, sulfoxide, sulfate, phosphate, an aryl group, urethane, urea, NR₄ group, CHR₅ group, or CR₆R₇ group where R₃, R₄, R₅, R₆, and R₇ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group, and E is a bond, O, S, C=O, NR₈, CR₉R₁₀ group, a hetrocyclic group, or an aromatic group where R₈, R₉, and R₁₀ are, independently, H, an alkyl group, an alkaryl group, or an aryl group; and

- (ii) a charge generating compound.
- (b) imagewise exposing the surface of the organophotoreceptor to radiation to dissipate charge in selected areas and thereby form a pattern of charged and uncharged areas on the surface;
 - (c) contacting the surface with a toner to create a toned image; and
 - (d) transferring the toned image to substrate.
- 21. An electrophotographic imaging process according to claim 20 wherein Y is a carbazole group.
 - 22. An electrophotographic imaging process according to claim 20 wherein X is selected from the group consisting of phenylene group, naphthalene group, and (N,N-disubstituted)aminophenylene group, m=3 and one of the (CH₂) groups is replaced by CHOH, and E is an aromatic group selected from the group consisting of thiadiazolyl group and thiobenzene group.
- 23. An electrophotographic imaging process according to claim 20 wherein the charge transport compound has a formula selected from the group consisting of the25 following:

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, and

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- 24. An electrophotographic imaging process according to claim 20 wherein the photoconductive element further comprises an electron transport compound.
- 25. An electrophotographic imaging process according to claim 20 wherein the photoconductive element further comprises a binder.
- 26. An electrophotographic imaging process according to claim 20 wherein the toner comprises a liquid toner comprising a dispersion of colorant particles in an organic liquid.
 - 27. A charge transport compound having the formula

$$\begin{bmatrix} Y & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

where R₁ and R₂ are, independently, hydrogen, an alkyl group, an alkaryl group or an aryl group; X is an aromatic group; Y is an (N,N-disubstituted)arylamine; Z is (CH₂)_m group where m is an integer between 0 and 30 where one or more of the methylene groups is optionally replaced by O, S, C=O, O=C-O, O=C-NR₃, sulfoxide, sulfate, phosphate, an aryl group, urethane, urea, NR₄ group, CHR₅ group, or CR₆R₇ group where R₃, R₄, R₅, R₆, and R₇ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group, and E is a bond, O, S, C=O, NR₈, CR₉R₁₀

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group, a hetrocyclic group, or an aromatic group where R_8 , R_9 , and R_{10} are, independently, H, an alkyl group, an alkaryl group, or an aryl group.

- 28. A charge transport compound according to claim 27 wherein Y is a carbazole group.
 - 29. A charge transport compound according to claim 27 wherein X is selected from the group consisting of phenylene group, naphthalene group, and (N,N-disubstituted)aminophenylene group, m=3 and one of the (CH₂) groups is replaced by CHOH, and E is an aromatic group selected from the group consisting of thiadiazolyl group and thiobenzene group.
 - 30. A charge transport compound according to claim 27 wherein the charge transport compound has a formula selected from the group consisting of the following:

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